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National Technical Information Service

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Summary Tabulation of Selected EPA Activities Concerning Toxic Chemicals

Environmental Protection Agency

April 1976

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EPA 560/4-76-001

PB 253 172

summary tabulation of selected epa activities concerning toxic chemicals

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April 1976

OFFICE OF TOXIC SUBSTANCES
U.S. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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16. ABSTRACT

The tabulation in this Report summarizes EPA's current activities directed to related toxic chemicals, with emphasis on current and near-term regulatory activities. Also, appropriate published references are identified which should help the interested reader understand the details of the activities.

PRICES SUBJECT TO CHANGE

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SUMMARY TABULATION OF SELECTED EPA ACTIVITIES CONCERNING TOXIC CHEMICALS

by the

OFFICE OF TOXIC SUBSTANCES

U.S. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APRIL 1976

INTRODUCTION

The tabulation in this Report summarizes EPA's current activities directed to selected toxic chemicals, with emphasis on current and near-term regulatory activities. Also, appropriate published references are identified which should help the interested reader understand the details of the activities.

Included in the tabulation are substances for which regulations or standards have been set or proposed under EPA's various regulatory authorities. Also included are substances which are being monitored or analyzed either pursuant to a Federal Register notice or through studies being conducted at the initiative of particular offices as part of their program activities. The comprehensive lists of substances addressed under Section 311 (spills) of the Federal Water Pollution Control Act and Section 3 (registration) of FIFRA/FEPCA are not included; however, indications are made where such substances appear pursuant to some other regulation or study. A detailed listing of chemicals registered pursuant to Section 211 (fuel additives) of the Clean Air Act is not included.

In some cases, a regulation will refer to a class of substances rather than individual chemicals. The class name is included in the appropriate place on the alphabetical list and, in addition, indications are made in the appropriate column for specific chemicals falling within that class when appropriate. An exception is that radioactive materials have been excluded from the list entirely.

Some EPA activities and some chemicals of concern may have been overlooked in the preparation of this initial Report. Hopefully, these oversights will be corrected in future revisions.

	Acenaphthene	Acetone	Acetylene	Acridine	Acrolein	Acrylamide	Acrylonitrile	Adipic acid	Aldrin	n-Alkanes (C_{10}-C_{30})	Aluminum*	Ammonia	Antimony*	Arsenic*	Aryl phosphates	Asbestos	Barium*	Benzene	Benzene dicarboxylates	Benzene polycarboxylates	Benzidine	3,4-Benzofluoranthene
FEDERAL WATER POLLUTION CONTROL ACT																						
Effluent Guidelines (current)[1]											F	F		F			F					
Effluent Guidelines (future)[2]	S	S			S		S		S	S			S	S		S		S			S	S
Water Quality Criteria[3]									P			P		P			P					
Standard Sampling and Analysis Methods[4]									F		F	F	F	F			F				F	
Toxic Effluent Standards (initial)[5]				S					P				S	S		S					P	
Spills (partial list)[6]					P		P		P		P	P	P	P				P				
CLEAN AIR ACT																						
Criteria Air Pollutants[7]																						
New Source Performance Standards[8]																						
Hazardous Air Pollutant Standards[9]																F						
Registered Fuel Additives (partial list)[10]																	F					
Regulated Fuel Additives[11]																						
Preferred Standards Path Analysis[12]																						
Preliminary Air Pollution Assessments[13]		U	U				U	U					C	C				U				
Mobile Vehicle Emissions Standards[14]			S								S	S				S	S	S				
MARINE PROTECTION, RESEARCH, AND SANCTUARY ACT																						
Prohibited Except Trace Amounts[15]																						
Special Care Required[16]														F								
SAFE DRINKING WATER ACT																						
National Interim Primary Standards[17]														F			F					
Monitoring Programs[18]									S					S		M	S	M	S		M	M
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)																						
Registered Pesticides (partial list)[19]		F			F	F	F		F		F	F	F	F		F	F	F				
Candidates for Rebuttable Presumption[20]														P								
Cancellation/Suspension[21]									F													
RESEARCH ASSESSMENTS																						
STAR Documents[22]												P		U			P					
NAS:MBEEP/STAEP Programs[23]												U		U		C	U					
REEP Program[24]														U		C					U	
Other In-depth Studies[25]																						
OTHER MULTIMEDIA ACTIVITIES																						
Action Plans[26]														U		U						
Intensive Studies[27]						U								U	U	U		U	C	U	U	

Key: * = includes compounds, F = Final, P = Proposed, U = Project Underway
C = Project Completed, M = Monitoring Required, S = Studies Being Done

	11,12-Benzofluoranthene	1,12-Benzoperylene	3,4-Benzopyrene	Beryllium*	Biphenyl	Boron	Bromide	Bromine	Bromodichloromethane	Bromoform	Cadmium*	Calcium*	Camphor	Carbon disulfide	Carbon monoxide	Carbon tetrachloride	Carbonyl sulfide	Chlordane	Chloride	Chlorinated benzenes	Chlorinated ethanes	Chlorinated naphthalene	Chlorinated phenols	Chlorine
FEDERAL WATER POLLUTION CONTROL ACT																								
Effluent Guidelines (current)[1]						P		P			F													F
Effluent Guidelines (future)[2]	S		S	S	S				S	S	S					S		S		S	S	S	S	S
Water Quality Criteria[3]				P		P					P	P						P	P					P
Standard Sampling and Analysis Methods[4]				F		F	F				F	F						F	F					F
Toxic Effluent Standards (initial)[5]				S							P		S					S						
Spills (partial list)[6]				P							P	P						P						P
CLEAN AIR ACT																								
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Preferred Standards Path Analysis[12]			C								C													
Preliminary Air Pollution Assessments[13]											U					U								
Mobile Vehicle Emissions Standards[14]	S							S						S	F		S							S
MARINE PROTECTION, RESEARCH, AND SANCTUARY ACT																								
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Special Care Required[16]				F																				F
SAFE DRINKING WATER ACT																								
National Interim Primary Standards[17]											F													
Monitoring Programs[18]	M	M	M						M	M	S	S				M		S	S	S	S		S	S
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)																								
Registered Pesticides (partial list)[19]						F	F	F			F	F	F			F		F	F	F			F	F
Candidates for Rebuttable Presumption[20]											P					P							P	
Cancellation/Suspension[21]																		F						
RESEARCH ASSESSMENTS																								
STAR Documents[22]											C				P	P					P			U
NAS:MBEEP/STAEP Programs[23]									U	U					U	U					U			C
REEP Program[24]				U							U													
Other In-depth Studies[25]														C			C							
OTHER MULTIMEDIA ACTIVITIES																								
Action Plans[26]																								
Intensive Studies[27]						U					U											C	U	

	Chloralkyl ethers	bis-(2-Chloroethyl)ether	Chloroform	2-Chlorophenol	Chlorophenoxy herbicides	Chromium*	Cobalt*	Copper*	Cresols	Cyanide*	Cyclohexanone	2,4-Dichlorophenoxyacetic acid	DDD, (TDE), DDE, DDT	Demeton	Dialkyl ethers	Dibenzofuran	Di-n-butyl parathion	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorobenzidine	Dichlorodifluoromethane
FEDERAL WATER POLLUTION CONTROL ACT																						
Effluent Guidelines (current)[1]						F		F		F												
Effluent Guidelines (future)[2]	S	S	S	S		S		S		S			S		S	S		S	S	S	S	S
Water Quality Criteria[3]				P	P	P		P	P	P			P	P								
Standard Sampling and Analysis Methods[4]					F	F	F	F		F		F	F	F			F					
Toxic Effluent Standards (initial)[5]				S		S				P			P				S					
Spills (partial list)[6]			P			P	P	P	P	P		P	P									
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Mobile Vehicle Emissions Standards[14]										S												
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Special Care Required[16]						F		F		F												
SAFE DRINKING WATER ACT																						
National Interim Primary Standards[17]					F	F						F										
Monitoring Programs[18]	S	M	M		S	M				M		S	S					S	S	M	S	
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)																						
Registered Pesticides (partial list)[19]			F	F	F	F	F	F	F	F	F	F	F	F				F				F
Candidates for Rebuttable Presumption[20]			P		P																	
Cancellation/Suspension[21]													F									
RESEARCH ASSESSMENTS																						
STAR Documents[22]			P			U																
NAS:MBEEP/STAEP Programs[23]			U			C															U	
REEP Program[24]						U		U		U			U									
Other In-depth Studies[25]																						
OTHER MULTIMEDIA ACTIVITIES																						
Action Plans[26]																						
Intensive Studies[27]																						

	1,2-Dichloroethane	1,1-Dichloroethylene	2,4-Dichlorophenol	Dichloropropane	Dichloropropene	Dieldrin	2,4-Dimethyl phenol	Dimethyl terephthalate	Dinitrocresol	2,4-Dinitrophenol	Dinitrotoluene	Diphenyl ether	Diphenyl hydrazine	Endosulfan	Endrin	Ethyl benzene	Ethylene dibromide	Fluoride	Fluoranthene	Fluorocarbons	Formaldehyde	Gold
FEDERAL WATER POLLUTION CONTROL ACT																						
Effluent Guidelines (current)[1]																		F				F
Effluent Guidelines (future)[2]	S	S	S	S	S	S	S		S	S	S	S	S	S	S	S			S			
Water Quality Criteria[3]			P			P								P	P						P	
Standard Sampling and Analysis Methods[4]						F								F	F			F				
Toxic Effluent Standards (initial)[5]						P									P							
Spills (partial list)[6]						P								P	P	P					P	
CLEAN AIR ACT																						
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Regulated Fuel Additives[11]																						
Preferred Standards Path Analysis[12]																						
Preliminary Air Pollution Assessments[13]	U							U									U				U	
Mobile Vehicle Emissions Standards[14]	S																S				S	
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SAFE DRINKING WATER ACT																						
National Interim Primary Standards[17]															F			F				
Monitoring Programs[18]	M		M			C									S			S	M			
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)																						
Registered Pesticides (partial list)[19]	F			F	F	F			F	F				F	F		F	F		F	F	
Candidates for Rebuttable Presumption[20]															P		P					
Cancellation/Suspension[21]						F																
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REEP Program[24]															U			U				
Other In-depth Studies[25]																						
OTHER MULTIMEDIA ACTIVITIES																						
Action Plans[26]																						
Intensive Studies[27]																	U			U	U	

	Guthion	Haloethers	Halomethanes	Heptachlor	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclohexane	Hexachlorocyclopentadiene	Hexachloroethane	Hydrocarbons	Hydrochloric acid	Hydrogen sulfide	Hydroquinone	Indeno(1,2,3-cd)pyrene	Iridium	Iron*	Isophorone	Lead*	Lindane	Magnesium	Malathion	Maleic anhydride
FEDERAL WATER POLLUTION CONTROL ACT																						
Effluent Guidelines (current)[1]															F	F		F		F		
Effluent Guidelines (future)[2]		S	S	S		S	S	S	S					S			S	S				
Water Quality Criteria[3]	P			P								P				P		P	P	P	P	
Standard Sampling and Analysis Methods[4]	F			F												F		F	F	F	F	
Toxic Effluent Standards (initial)[5]				S									S					S	S			
Spills (partial list)[6]	P			P							P					P		P	P		P	P
CLEAN AIR ACT																						
Criteria Air Pollutants[7]											F											
New Source Performance Standards[8]																						
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Regulated Fuel Additives[11]																		F				
Preferred Standards Path Analysis[12]																						
Preliminary Air Pollution Assessments[13]						C																U
Mobile Vehicle Emissions Standards[14]											F	S	S			S				S		
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Special Care Required[16]																		F				
SAFE DRINKING WATER ACT																						
National Interim Primary Standards[17]																		F	F			
Monitoring Programs[18]	S	M	M	C										M		S		S	S		S	
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)																						
Registered Pesticides (partial list)[19]	F	F		F	F		F			F		F					F	F	F	F	F	
Candidates for Rebuttable Presumption[20]					P														P	P		
Cancellation/Suspension[21]					F																	
RESEARCH ASSESSMENTS																						
STAR Documents[22]				P							P	U	P									
NAS:MBEEP/STAEP Programs[23]				U							U	C	U						C			
REEP Program[24]																			U			
Other In-depth Studies[25]									U										U			
OTHER MULTIMEDIA ACTIVITIES																						
Action Plans[26]						C																
Intensive Studies[27]			U			C	U												U			

	Manganese*	Mercury*	Methanol	Methoxychlor	Methyl bromide	Methyl chloride	Methylene chloride	Methyl-ethyl ketone	Methyl methacrylate	Methyl parathion	Mirex	Molybdenum	Naphthalene	α-Naphthol	β-Naphthol	Nickel*	Nitrate	Nitrite	Nitrobenzene	Nitrogen	Nitrogen oxides	Nitrophenols
FEDERAL WATER POLLUTION CONTROL ACT																						
Effluent Guidelines (current)[1]	F	F														F	F			F		
Effluent Guidelines (future)[2]		S			S	S	S	S					S			S		S	S			S
Water Quality Criteria[3]	P	P		P							P			P	P	P	P	P		P		
Standard Sampling and Analysis Methods[4]	F	F		F						F	F	F				F	F			F		
Toxic Effluent Standards (initial)[5]		P								S				S	S	S	S					
Spills (partial list)[6]		P		P					P	P			P			P			P		P	P
CLEAN AIR ACT																						
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New Source Performance Standards[8]																						
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Mobile Vehicle Emissions Standards[14]	S		S									S				S	S		S	S	F	
MARINE PROTECTION, RESEARCH, AND SANCTUARY ACT																						
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Special Care Required[16]																F						
SAFE DRINKING WATER ACT																						
National Interim Primary Standards[17]		F		F													F					
Monitoring Programs[18]	S	M		S			S			S	S					S	S	S		S		
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)																						
Registered Pesticides (partial list)[19]	F	F	F	F	F	F	F			F	F		F		F	F	F	F	F			F
Candidates for Rebuttable Presumption[20]																						
Cancellation/Suspension[21]		F																				
RESEARCH ASSESSMENTS																						
STAR Documents[22]	C	U									U					U	P				U	
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Other In-depth Studies[25]											U											
OTHER MULTIMEDIA ACTIVITIES																						
Action Plans[26]																						
Intensive Studies[27]		U																				

	Nitrosamines	Organohalogens	Organosilicons	Organotins	Osmium	Palladium	Parathion	Particulates	Pentachlorophenol	Phenols	o-Phosphate	Phosphorus	Photochemical oxidants	Phthalate esters	Phthalic anhydride	Platinum	Polybrominated biphenyls	Polychlorinated biphenyls	Polychlorinated terphenyls	hydrocarbons Polynuclear aromatic	Potassium*
FEDERAL WATER POLLUTION CONTROL ACT																					
Effluent Guidelines (current)[1]					F	F				F		F				F		F			
Effluent Guidelines (future)[2]	S								S	S				S				S		S	
Water Quality Criteria[3]							P			P		P		S				P			P
Standard Sampling and Analysis Methods[4]							F			F	F	F						F			F
Toxic Effluent Standards (initial)[5]							S											P			
Spills (partial list)[6]							P		P	P		P						P			P
CLEAN AIR ACT																					
Criteria Air Pollutants[7]								F					F								
New Source Performance Standards[8]								F													
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Preferred Standards Path Analysis[12]																		C		C	
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Mobile Vehicle Emissions Standards[14]	S					S				S		S				S				S	
MARINE PROTECTION, RESEARCH, AND SANCTUARY ACT																					
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Special Care Required[16]			F							F											
SAFE DRINKING WATER ACT																					
National Interim Primary Standards[17]																					
Monitoring Programs[18]	M	S					S		M	S				S	S			M		M	
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)																					
Registered Pesticides (partial list)[19]		F	F	F			F		F	F		F						F	F	F	F
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RESEARCH ASSESSMENTS																					
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REEP Program[24]										U								U			
Other In-depth Studies[25]																					
OTHER MULTIMEDIA ACTIVITIES																					
Action Plans[26]																		U			
Intensive Studies[27]				U													U	U	U		

	Rhodium	Ruthenium	Selenium*	Sevin	Silver*	Sodium	Styrene	Sulfate*	Sulfide	Sulfite	Sulfur dioxide	Sulfuric acid	Surfactants	Terpenes	2,3,7,8-Tetrachlorodibenzo-p-dioxin	Tetrachloroethylene	Thallium*	Tin	Titanium	Titanium dioxide	Toluene	Toxaphene
FEDERAL WATER POLLUTION CONTROL ACT																						
Effluent Guidelines (current)[1]	F	F	F		F				F				F					F				
Effluent Guidelines (future)[2]			S		S		S							S	S	S	S				S	S
Water Quality Criteria[3]			P		P	P	P	P	P												P	P
Standard Sampling and Analysis Methods[4]			F	F	F	F		F	F	F			F				F	F	F			F
Toxic Effluent Standards (initial)[5]			S	S																		P
Spills (partial list)[6]			P			P						P									P	P
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Criteria Air Pollutants[7]											F											
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Mobile Vehicle Emissions Standards[14]	S	S						S			S	S								S		
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SAFE DRINKING WATER ACT																						
National Interim Primary Standards[17]			F		F																	F
Monitoring Programs[18]			M		M	S		S					S		S							S
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)																						
Registered Pesticides (partial list)[19]			F	F	F	F		F	F	F	F	F			U	F	F	F			F	F
Candidates for Rebuttable Presumption[20]																						P
Cancellation/Suspension[21]																						
RESEARCH ASSESSMENTS																						
STAR Documents[22]			U																			
NAS:MBEEP/STAEP Programs[23]			C																			
REEP Program[24]			U																			U
Other In-depth Studies[25]																						
OTHER MULTIMEDIA ACTIVITIES																						
Action Plans[26]																						
Intensive Studies[27]																		U	C			

	2,4,5-Trichlorophenoxy-propionic acid	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	Trichloroethylene	Trichlorofluoromethane	Vanadium	Vinyl chloride	Vinylidene chloride	o-Xylene	Zinc*
FEDERAL WATER POLLUTION CONTROL ACT										
Effluent Guidelines (current)[1]										F
Effluent Guidelines (future)[2]			S	S	S		S			S
Water Quality Criteria[3]										P
Standard Sampling and Analysis Methods[4]	F					F				F
Toxic Effluent Standards (initial)[5]										S
Spills (partial list)[6]						P			P	P
CLEAN AIR ACT										
Criteria Air Pollutants[7]										
New Source Performance Standards[8]										
Hazardous Air Pollutant Standards[9]							P			
Registered Fuel Additives (partial list)[10]										F
Regulated Fuel Additives[11]										
Preferred Standards Path Analysis[12]							C			
Preliminary Air Pollution Assessments[13]				U				U	U	
Mobile Vehicle Emissions Standards[14]							S			S
MARINE PROTECTION, RESEARCH, AND SANCTUARY ACT										
Prohibited Except Trace Amounts[15]										
Special Care Required[16]						F				F
SAFE DRINKING WATER ACT										
National Interim Primary Standards[17]	F									
Monitoring Programs[18]	S	M		M			M			S
PESTICIDE LAWS (FIFRA/FEPCA/FDCA)										
Registered Pesticides (partial list)[19]	F	F	F	F	F				F	F
Candidates for Rebuttable Presumption[20]	P									
Cancellation/Suspension[21]							F			
RESEARCH ASSESSMENTS										
STAR Documents[22]						U	C			
NAS:MBEEP/STAEP Programs[23]						C				
REEP Program[24]										U
Other In-depth Studies[25]										
OTHER MULTIMEDIA ACTIVITIES										
Action Plans[26]							C			
Intensive Studies[27]			U	U			U	U		

FOOTNOTES

1. Effluent Guidelines currently in effect and in the proposal stage require some limitations on discharges of some chemicals in selected industries. Effluent Guidelines are end-of-pipe limitations, and are not necessarily transferrable from one industry to another. The relevant references are as follows:

   "Summary of Final Effluent Limitations Guidelines for Existing Sources and Standards of Performance for New Sources", EPA 330/9-74-001, August 1974.

   40 CFR 401, Revised as of July 1, 1975.

   39 FR 31485, August 28, 1974, Meat Products (Proposed).

   40 FR 4101, January 27, 1975, Phosphate Manufacturing (Proposed).

   40 FR 8030, February 24, 1975, Ferroalloy Manufacturing (Proposed).

   40 FR 8514, February 27, 1975, Nonferrous Metals Manufacturing (Proposed).

   40 FR 18130, April 24, 1975, Electroplating Industry (Proposed).

   40 FR 18150, April 24, 1975, Poultry Processing Products (Proposed).

   40 FR 22402, May 22, 1975, Inorganic Chemicals Manufacturing (Proposed).

   40 FR 36707, August 21, 1975, Iron and Steel Manufacturing (Proposed).

   40 FR 41299, September 5, 1975, Pulp, Paper, and Paperboard (Proposed).

   40 FR 48652, October 16, 1975, Mineral Mining and Processing (Proposed).

   40 FR 48830, October 17, 1975, Coal Mining (Proposed).

   40 FR 51722, November 6, 1975, Ore Mining and Dressing (Proposed).

   41 FR 902, January 5, 1976, Organic Chemicals Manufacturing (Proposed).

In addition, the Organic Chemicals and Inorganic Chemicals Manufacturing Point Source Categories are subdivided according to, and lists are given for, significant products and processes. Many products and by-products from these Point Source Categories have troublesome public health implications. By-products have not been listed with the regulations in the Federal Register. However, some of the problematic products have been listed in 41 FR 902, January 5, 1976, are as follows:

acrylonitrile	isopropanol
adiponitrile	maleic anhydride
benzoic acid	methyl salicylate
butyl alcohol	nitroaniline
citronellol	phthalic anhydride
cumene	tannic acid
hydrazine	p-xylene
ionone	

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A list of additional chemicals of concern may be obtainable by reviewing the "Development Documents for the Interim Final Effluent Limitations and New Source Performance Standards."

2. Report in preparation. Office of Water Planning and Standards. Effluent Guidelines are end-of-pipe limitations, and are not necessarily transferrable from one industry to another.

3. Quality Criteria for Water draft, Office of Water Planning and Standards, October 10, 1975. Water Quality Criteria are levels for receiving water.

4. 40 CFR 136.3, Revised as of July 1, 1975.
Office of Research and Development, Methods Development and Quality Assurance Research Laboratory.

5. 38 FR 35388, December 27, 1973.

6. 40 FR 59960, December 30, 1975.

7. 36 FR 8186, April 30, 1971.

8. 40 CFR 60.83, "Standards of Performance for Sulfuric Acid Plants." Revised as of July 1, 1975.

   40 FR 33152, August 6, 1975, "Standards of Performance for Five Categories of Sources in the Phosphate Fertilizer Industry."

   41 FR 2332, January 15, 1976, "Standards of Performance for Primary Copper, Zinc and Lead Smelters."

9. 38 FR 8820, April 6, 1973.
39 FR 38064, October 25, 1974.
40 FR 48292, October 14, 1975.
40 FR 59532, December 24, 1975.

10. Many additional chemicals not indicated are undoubtedly included in the fuel additives reported to the Office of Research and Development.

11. 40 CFR 80, Revised as of July 1, 1975.

12. Office of Air Quality Planning and Standards.

13. Office of Air Quality Planning and Standards.

14. 40 CFR 85 and 86. Revised as of July 1, 1975.

15. 38 FR 28610, October 15, 1973.

16. 38 FR 28610, October 15, 1973.

17. 40 FR 59566, December 24, 1975.

18. 40 FR 59566, December 24, 1975.
Office of Water Supply.

19. Office of Pesticide Programs.

20. Office of Pesticide Programs.

21. 37 FR 13369, July 7, 1972 (DDT).
39 FR 8377, March 5, 1974 (DDT).
40 FR 15934, April 8, 1975 (DDT).
40 FR 37246, October 18, 1974 (Aldrin/Dieldrin).
41 FR 7552, February 19, 1976 (Chlordane/Heptachlor).
39 FR 14753, April 26, 1974 (Vinyl Chloride)

22. Office of Research and Development. STAR documents currently in preparation should be completed during 1976.

23. Office of Research and Development. MBEEP refers to the Committee on Medical and Biological Effects of Environmental Pollutants; STAEP refers to the Coordinating Committee on Scientific and Technical Assessment of Environmental Pollutants. Documents are published (under EPA contract) and distributed by the National Academy of Sciences, National Research Council.

24. REEP refers to Reports on the Environmental Effects of Pollutants - a series of studies being done by the Oak Ridge National Laboratory for EPA's Municipal Environmental Research Laboratory in Cincinnati.

25. Office of Research and Development, Office of Health and Ecological Effects.

26. Report in preparation. Office of Toxic Substances.

27. Office of Toxic Substances.

OTHER NOTES

Additional lists of problem chemicals may be found in, or developed from, the following sources:

1. "Activities of Federal Agencies Concerning Selected High Volume Chemicals", Office of Toxic Substances, U.S. Environmental Protection Agency, Washington, D.C. 20460, (EPA 560/4-75-001).

2. "Preliminary Assessment of Suspected Carcinogens in Drinking Water: Report to Congress" and "Appendices", Office of Toxic Substances, December, 1975.

3. "Identification of Organic Compounds in Effluents from Industrial Sources", Office of Toxic Substances, April 1975 (EPA 560/3-75-002).

4. "Registry of Toxic Effects of Chemical Substances, 1975 Edition", National Institute for Occupational Safety and Health, June, 1975.

5. "Suspected Carcinogens: A Subfile to the NIOSH Toxic Substances List", DHEW publication No. (NIOSH) 75-188. (Approximately 1500 Chemicals are listed.)

6. A list of chemicals associated with human cancer was presented by the International Agency for Research on Cancer at the Conference on Occupational Carcinogenesis, held by the National Academy of Sciences in March, 1975. Proceedings are due to be published in early 1976.

7. The Office of Solid Waste Management Programs is developing a series of reports entitled "Assessment of Industrial Hazardous Waste Practices" which contain information on the hazardous wastes from various industrial segments and indicate chemicals which are of concern. The industries being studied are as follows:

Group I

1. Storage and Primary Batteries
2. Inorganic Chemicals Industry
3. Pharmaceutical Industry
4. Organic Chemicals, Pesticides, and Explosives Industries
5. Paint and Allied Products Industry
6. Metal Smelting and Refining Industry
7. Metals Mining Industry
8. Electroplating and Metal Finishing Industries
9. Petroleum Industry

Group II

1. Tanneries Industry
2. Textiles Industry
3. Rubber and Plastics Industry
4. Special Machinery Industry

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8. The list of "Chemicals Being Tested for Carcinogenicity by the Bioassay Operations Segment Carcinogenesis Program, DCPP, NCI" is available from:

Carcinogen Bioassay and Program Resources Branch
National Cancer Institute
Landow Building, Room C325
Bethesda, Maryland 20014

9. Chemicals for which NIOSH has proposed development of criteria documents are listed in 41 FR 802, 1/5/76. A "Schedule of Development for Criteria Documents" and further information are available from:

Mr. Vernon E. Rose
Division of Criteria Documentation
and Standards Development
National Institute for Occupational
Safety and Health
Rockville, Maryland 20852
(301)443-3680